



- YOTA 1000/1000
- YOTA 1500/1000
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- YOTA 1000/1250
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YOTA – Suction table

Maintenance manual

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1. General description

The extraction table type YOTA is used for extraction of dust and gases or the like during a process.

The standard enameling of the table is a powder enameling for indoor mounting.

The table can evenly be loaded with 150kg/m². If the table is designed to have greater loads, it will be stated on table marking.

WARNING : The extraction table type YOTA may not be used in connection with ATEX-zones.

2. Functioning

The process air is led in through the table ribs and out through the ducting connection at the end of the table.

2.1 Daily maintenance

The dust container must be emptied at maximum 75% filled condition.

Where a back wall with side wall set is used, the side walls must be locked with hinged top. But note that the top may not be used without the side wall set.

The ribs integrated in the table surface must be checked for damages and replaces accordingly.

Repairs on the table may only be carried out by professionally trained personnel.

3. Unit condition during operation

Check that the dust container is mounted correctly before start-up.

Only for Denmark (DK): Outlet must be led outside.

4. Intentional / unintentional application

The extraction table may only be used for the extraction of dry dust, gases (non-explosive) or the like. DO NOT USE IT IN A DANGER ZONE (EX).

NOTE : Suitable protection mask, eye protectors and protection gloves must be used (dependent on dust type equipment is selected).

5. Mounting

The extraction table type YOTA is delivered standing on a pallet.

The place where the unit will be mounted must be even and stable and the table needs to be bolted to the surface through the holes in the legs.

The ducting connection can be placed in either the right or the left side, the opposite side needs to be closed off with the cover plate. The table can, with additional accessories, be delivered with two ducting connections and no cover plate.

The extraction tables can be adjusted to a suitable working height by adapting the leg height. The table can be lifted with a forklift. All 12 leg bolts must be assembled and tightened before the table is taken into use.

5.1. Ducting connection

The ducting connection is made with approved ventilation pipes and possible hard-wearing flexible hose on the inlet.

For Denmark (DK): Outlet must be led outside with up-turned outlet at the correct height.

5.2. Adjustments

Every unit is dimensioned for a particular air volume, which may not be exceeded, since it would result in filter life reduction.

Unit is dimensioned for following air volume:

_____ m³/h (Must be filled out by ventilation contractor)
_____ dust sort (e.g. welding smoke, grinding dust)

Ventilation contractor name:

_____ (Must be filled out by ventilation contractor)

6. Maintenance

The extraction table must be maintained 1 to 2 times a year to work optimally.

Check the table for dust deposit in table and its distributor channel and clean it.

Check ribs for damages and replace them, if damages are found.

NOTE : Suitable protection mask, eye protectors and protection gloves must be used (dependent on dust type equipment is selected).

7. Dismantling and recycling

When dismantling a unit, be sure to keep in mind the following important information:

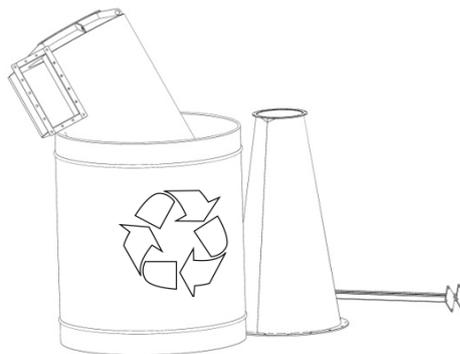
As the unit is dismantled, set aside all still functioning parts in order to re-use them on another unit.

You should always separate the different materials depending on their type : iron, rubber, oils, greases, etc...

Recyclable parts must be disposed of in the appropriate containers or brought to a local recycling company.

The rubbish must be collected in special containers with appropriate labels and disposed of in compliance with the national laws and/or local legislations in force.

CAUTION! It is strictly forbidden to dispose of toxic wastes in municipal sewerage and drain systems. This concerns all oils, greases, and other toxic materials in liquid or solid form.



8. Spare parts

For spare parts please contact Formula Air Group.

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